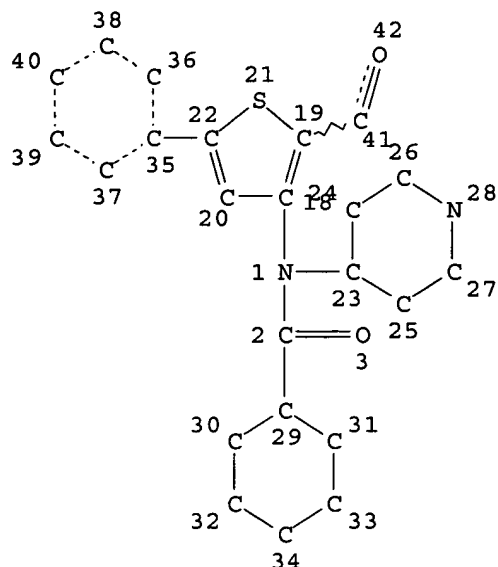


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 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC 34 23 18 35
 NUMBER OF NODES IS 28

STEREO ATTRIBUTES: NONE

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 L5 8 S L4
 L6 STRUC
 L7 148 S L6 FUL

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L8

100 L7 NOT L3

=> s 18

L9 2 L8

=> d bib 1-2

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:515507 CAPLUS

DN 141:71437

TI Preparation of thiophenecarboxylates for the treatment or prevention of flavivirus infections

IN Chan Chun Kong, Laval; Das, Sanjoy Kumar; Nguyen-Ba, Nghe; Halab, Liliane; Hamelin, Bettina; Pereira, Oswy Z.; Poisson, Carl; Proulx, Melanie; Reddy, Thumkunta Jagadeeswar; Zhang, Ming-qiang

PA Virochem Pharma Inc., Can.

SO PCT Int. Appl., 192 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004052885	A1	20040624	WO 2003-CA1912	20031209
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	AU 2003291885	A1	20040630	AU 2003-291885	20031209
	US 2005009804	A1	20050113	US 2003-730272	20031209
	EP 1569929	A1	20050907	EP 2003-767343	20031209
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	BR 2003016771	A	20051025	BR 2003-16771	20031209
	JP 2006510636	T2	20060330	JP 2004-557712	20031209
	CN 1795190	A	20060628	CN 2003-80109449	20031209
PRAI	US 2002-431964P	P	20021210		
	WO 2003-CA1912	W	20031209		
OS	MARPAT 141:71437				

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:964347 CAPLUS

DN 138:24638

TI Preparation of thiophenecarboxylic acids and methods for the treatment or prevention of flaviviridae infections such as hepatitis C

IN Chan, Chun Kong Laval; Bedard, Jean; Das, Sanjoy Kumar; Nguyen Ba, Nghe; Pereira, Oswy Z.; Reddy, Thumkunta Jagadeeswar; Siddiqui, M. Arshad; Wang, Wuyi; Yannopoulos, Constantin

PA Shire Biochem Inc., Can.

SO PCT Int. Appl., 314 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002100851	A2	20021219	WO 2002-CA876	20020611
	WO 2002100851	A3	20030227		

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CA 2450007 AA 20021219 CA 2002-2450007 20020611

EP 1401825 A2 20040331 EP 2002-742563 20020611

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2004116509 A1 20040617 US 2002-166031 20020611

US 6881741 B2 20050419

BR 2002010357 A 20040629 BR 2002-10357 20020611

JP 2005500288 T2 20050106 JP 2003-503618 20020611

CN 1602308 A 20050330 CN 2002-815768 20020611

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US 2006142347 A1 20060629 US 2005-42442 20050126

PRAI US 2001-296731P P 20010611

US 2002-166031 A1 20020611

WO 2002-CA876 W 20020611

OS MARPAT 138:24638

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L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:515507 CAPLUS

DN 141:71437

TI Preparation of thiophenecarboxylates for the treatment or prevention of flavivirus infections

IN Chan Chun Kong, Laval; Das, Sanjoy Kumar; Nguyen-Ba, Nghe; Halab, Liliane; Hamelin, Bettina; Pereira, Oswy Z.; Poisson, Carl; Proulx, Melanie; Reddy, Thumkunta Jagadeeswar; Zhang, Ming-qiang

PA Virochem Pharma Inc., Can.

SO PCT Int. Appl., 192 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004052885	A1	20040624	WO 2003-CA1912	20031209
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CA 2508990	AA	20040624	CA 2003-2508990	20031209
AU 2003291885	A1	20040630	AU 2003-291885	20031209
US 2005009804	A1	20050113	US 2003-730272	20031209
EP 1569929	A1	20050907	EP 2003-767343	20031209
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BR 2003016771	A	20051025	BR 2003-16771	20031209
JP 2006510636	T2	20060330	JP 2004-557712	20031209
CN 1795190	A	20060628	CN 2003-80109449	20031209

PRAI US 2002-431964P P 20021210

WO 2003-CA1912 W 20031209

OS MARPAT 141:71437

IT 712352-51-7P 712352-66-4P 712352-83-5P

712352-84-6P 712352-85-7P 712352-86-8P

712352-88-0P 712352-89-1P 712352-93-7P

712352-95-9P 712352-96-0P 712352-97-1P

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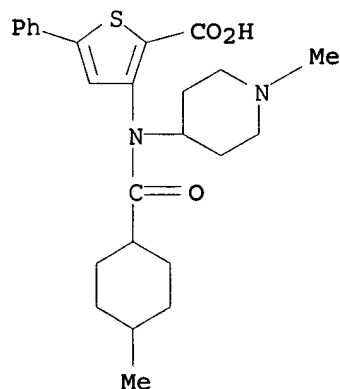
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of thiophenecarboxylates for the treatment or prevention of flavivirus infections)

RN 712352-51-7 CAPLUS

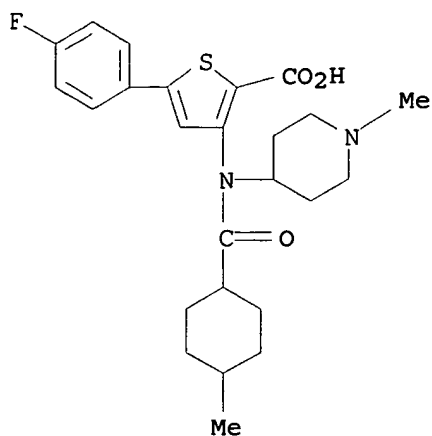
CN 2-Thiophenecarboxylic acid, 3-[[[(4-methylcyclohexyl)carbonyl](1-methyl-4-piperidiny)amino]-5-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 712352-66-4 CAPLUS

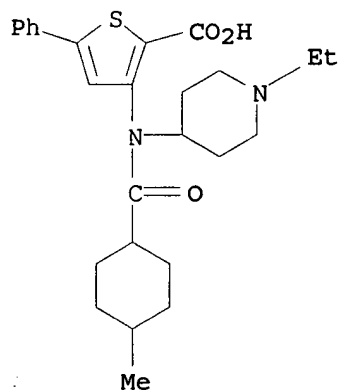
CN 2-Thiophenecarboxylic acid, 5-(4-fluorophenyl)-3-[[[(4-methylcyclohexyl)carbonyl](1-methyl-4-piperidiny)amino]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

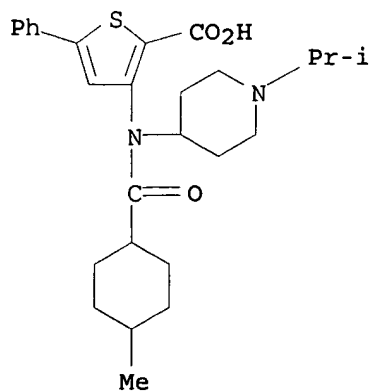
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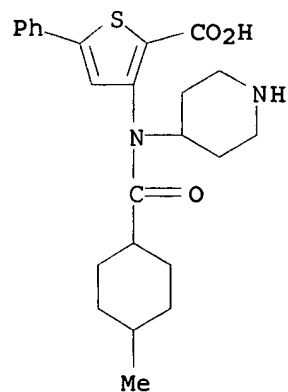


RN 712352-84-6 CAPLUS

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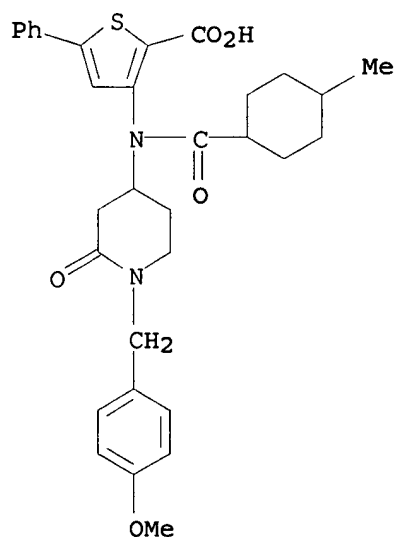


RN 712352-85-7 CAPLUS
 CN 2-Thiophenecarboxylic acid, 3-[[[(4-methylcyclohexyl)carbonyl]-4-piperidinylamino]-5-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

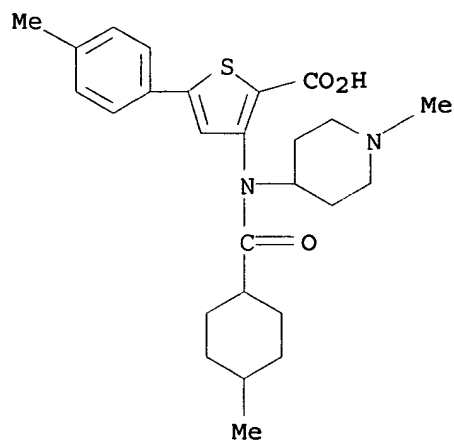


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RN 712352-86-8 CAPLUS
 CN 2-Thiophenecarboxylic acid, 3-[[[1-[(4-methoxyphenyl)methyl]-2-oxo-4-piperidinyl][(4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)



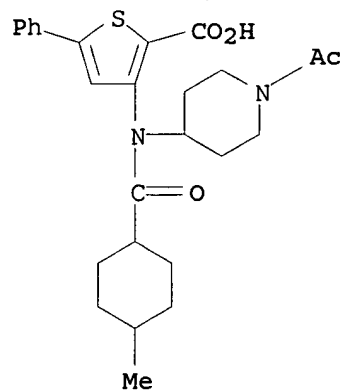
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 CN 2-Thiophenecarboxylic acid, 3-[[[(4-methylcyclohexyl)carbonyl](1-methyl-4-piperidinyl)amino]-5-(4-methylphenyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

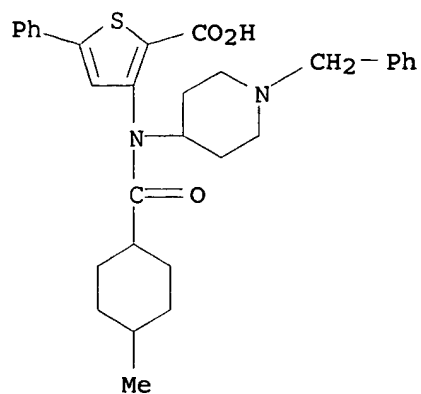
RN 712352-89-1 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[(1-acetyl-4-piperidinyl)[(4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)



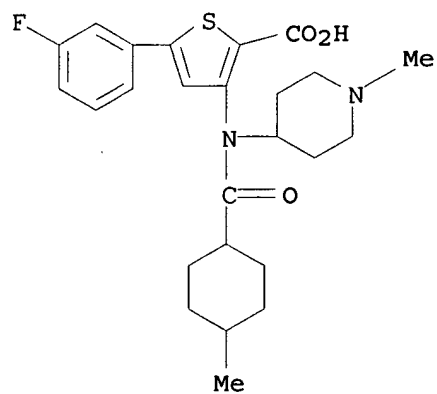
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CN 2-Thiophenecarboxylic acid, 3-[[4-methylcyclohexyl)carbonyl][1-(phenylmethyl)-4-piperidinyl]amino]-5-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



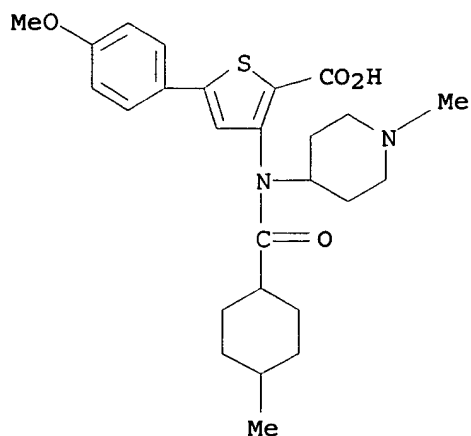
● HCl

RN 712352-95-9 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-(3-fluorophenyl)-3-[[4-methylcyclohexyl)carbonyl] (1-methyl-4-piperidinyl)amino] -, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

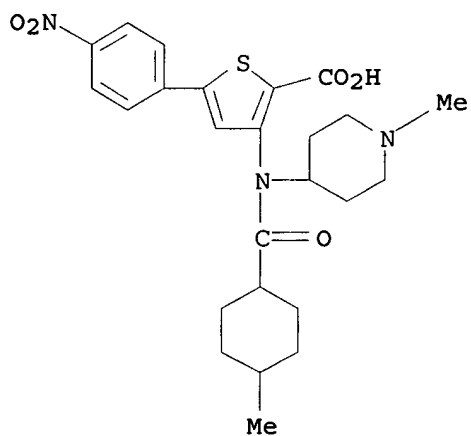
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 CN 2-Thiophenecarboxylic acid, 5-(4-methoxyphenyl)-3-[[4-methylcyclohexyl)carbonyl] (1-methyl-4-piperidinyl)amino] -, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 712352-97-1 CAPLUS

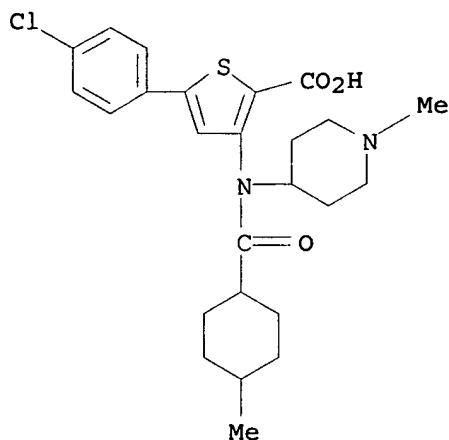
CN 2-Thiophenecarboxylic acid, 3-[[[4-methylcyclohexyl]carbonyl](1-methyl-4-piperidinyl)amino]-5-(4-nitrophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 712352-98-2 CAPLUS

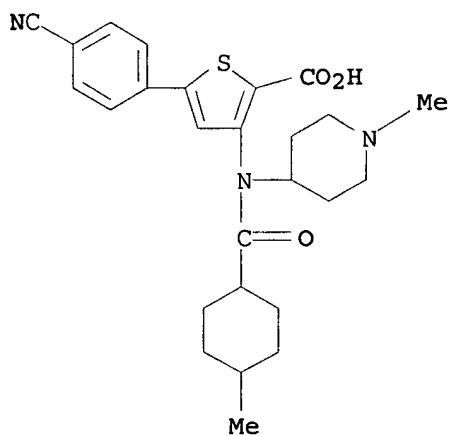
CN 2-Thiophenecarboxylic acid, 5-(4-chlorophenyl)-3-[[[4-methylcyclohexyl]carbonyl](1-methyl-4-piperidinyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 712352-99-3 CAPLUS

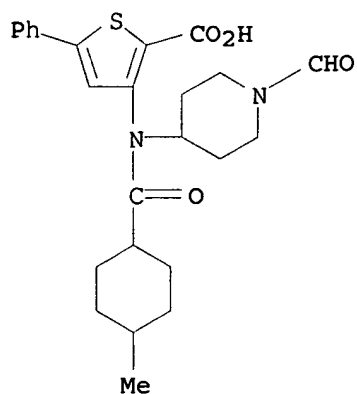
CN 2-Thiophenecarboxylic acid, 5-(4-cyanophenyl)-3-[[4-methylcyclohexyl]carbonyl] (1-methyl-4-piperidinyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

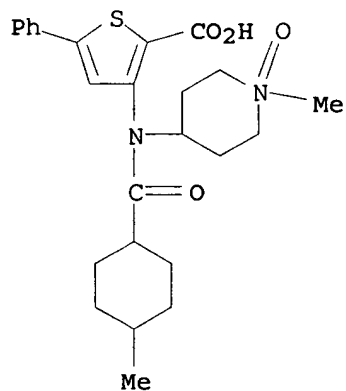
RN 712353-04-3 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[(1-formyl-4-piperidinyl)[(4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)



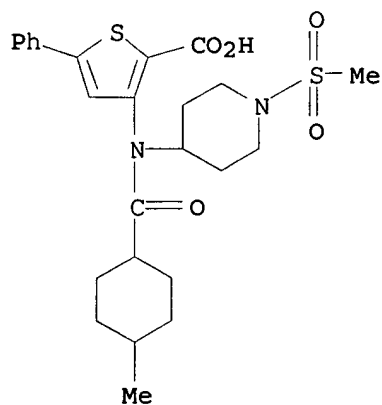
RN 712353-06-5 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(4-methylcyclohexyl)carbonyl](1-methyl-1-oxido-4-piperidiny]amino]-5-phenyl- (9CI) (CA INDEX NAME)



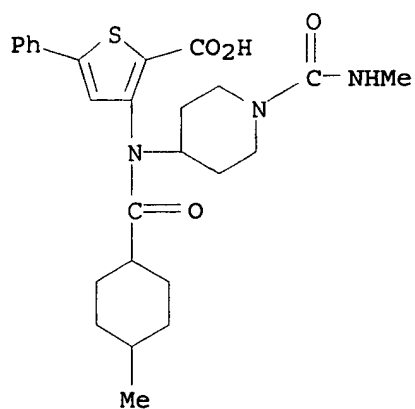
RN 712353-10-1 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(4-methylcyclohexyl)carbonyl](1-(methylsulfonyl)-4-piperidiny]amino]-5-phenyl- (9CI) (CA INDEX NAME)



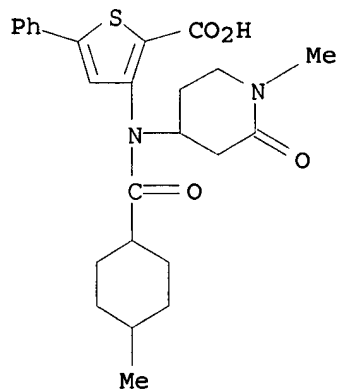
RN 712353-11-2 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[1-[(methylamino)carbonyl]-4-piperidiny] [(4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)



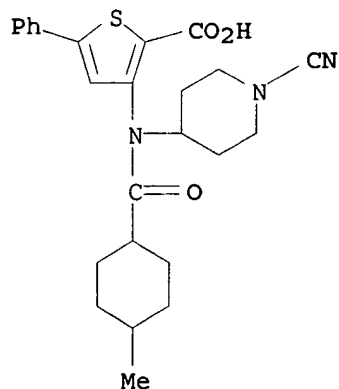
RN 712353-13-4 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[4-methylcyclohexyl]carbonyl](1-methyl-2-oxo-4-piperidiny]amino]-5-phenyl- (9CI) (CA INDEX NAME)



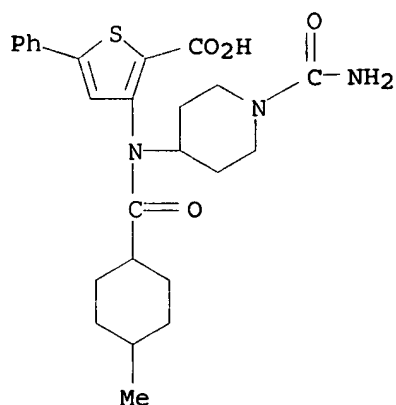
RN 712353-14-5 CAPLUS

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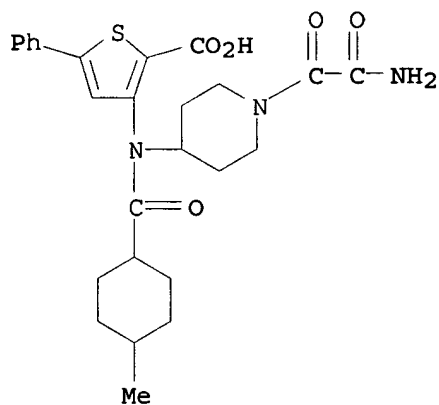
RN 712353-17-8 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[1-(aminocarbonyl)-4-piperidiny] [(4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)



RN 712353-19-0 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[1-(aminooxoacetyl)-4-piperidinyl][(4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)



IT 712353-50-9P 712353-73-6P 712353-96-3P

712353-97-4P 712354-00-2P 712354-03-5P

712354-08-0P 712354-09-1P 712354-10-4P

712354-11-5P 712354-12-6P 712354-13-7P

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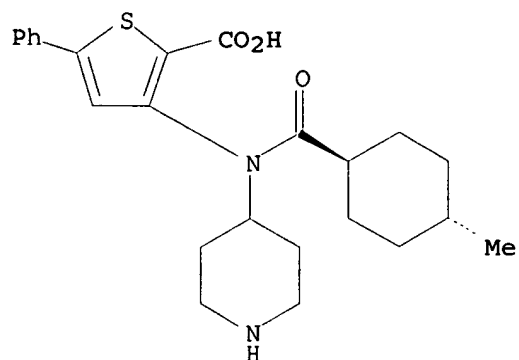
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thiophenecarboxylates for the treatment or prevention of flavivirus infections)

RN 712353-50-9 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl]-4-piperidinylamino]-5-phenyl-], monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

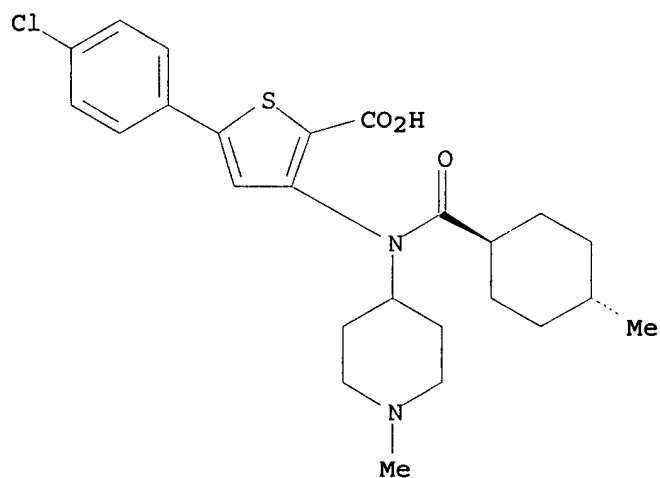


● HCl

RN 712353-73-6 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(4-chlorophenyl)-3-[[1-[(trans-4-methylcyclohexyl)carbonyl]piperidin-4-yl]amino]- (9CI) (CA INDEX NAME)

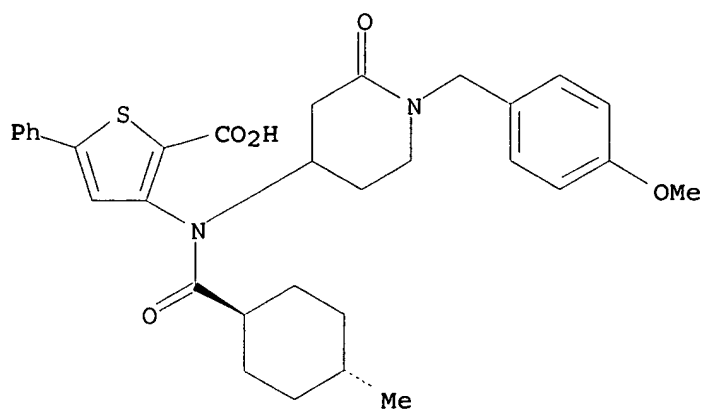
Relative stereochemistry.



RN 712353-96-3 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[1-[(4-methoxyphenyl)methyl]-2-oxo-4-piperidinyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)

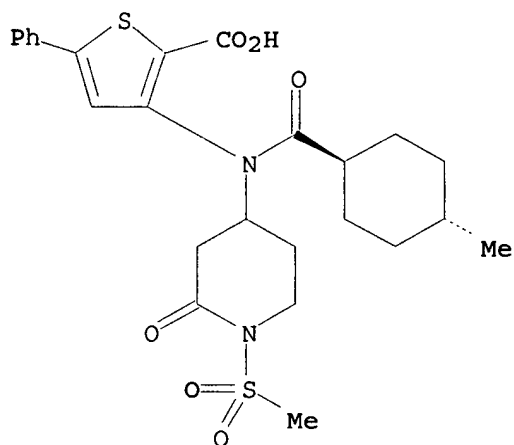
Relative stereochemistry.



RN 712353-97-4 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl][1-(methylsulfonyl)-2-oxo-4-piperidinyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)

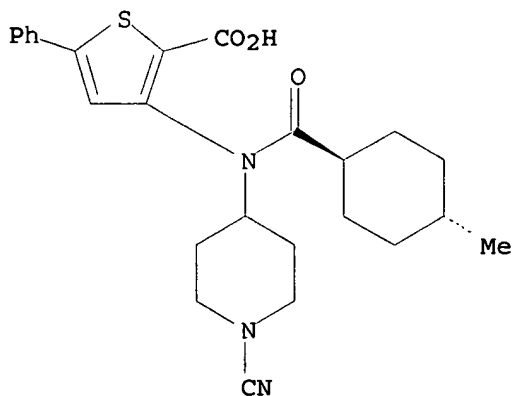
Relative stereochemistry.



RN 712354-00-2 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[(1-cyano-4-piperidinyl)[(trans-4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)

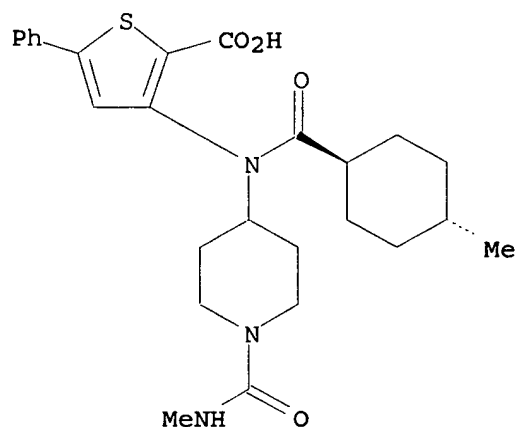
Relative stereochemistry.



RN 712354-03-5 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[1-[(methylamino)carbonyl]-4-piperidinyl][(trans-4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI)
(CA INDEX NAME)

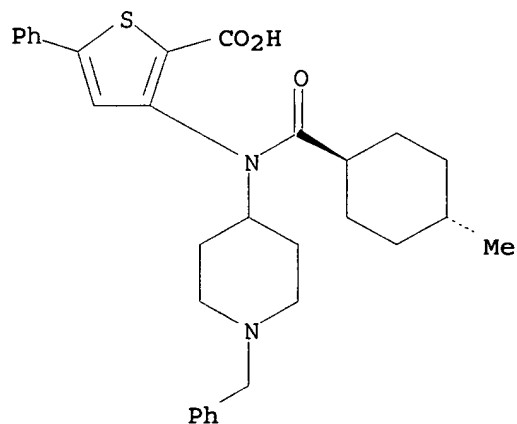
Relative stereochemistry.



RN 712354-08-0 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl][1-(phenylmethyl)-4-piperidinyl]amino]-5-phenyl-, monohydrochloride (9CI)
(CA INDEX NAME)

Relative stereochemistry.

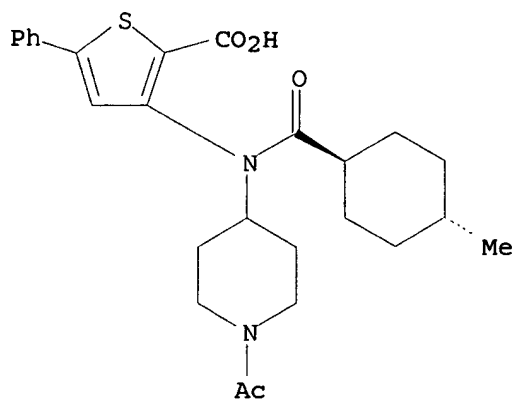


● HCl

RN 712354-09-1 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[1-acetyl-4-piperidinyl][(trans-4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)

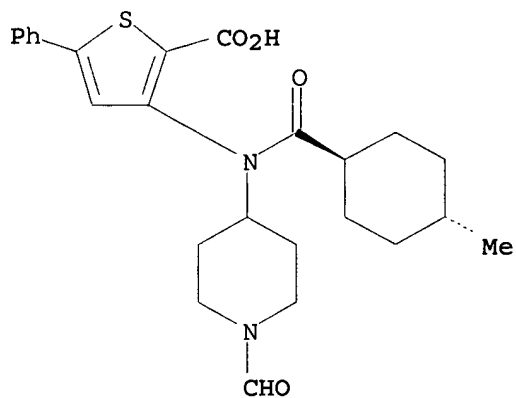
Relative stereochemistry.



RN 712354-10-4 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[(1-formyl-4-piperidinyl)[(trans-4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)

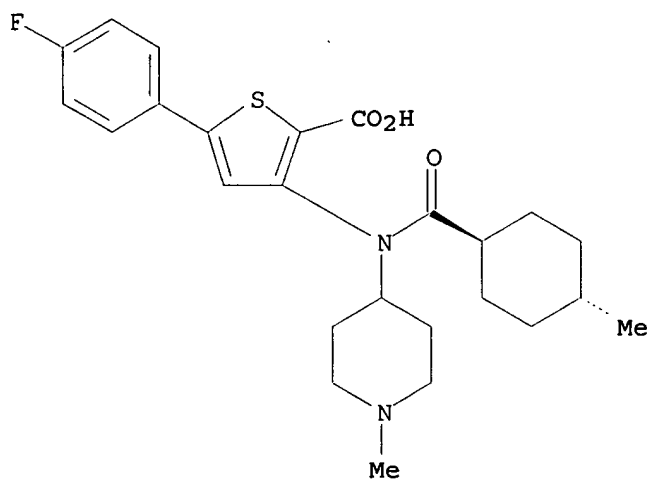
Relative stereochemistry.



RN 712354-11-5 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(4-fluorophenyl)-3-[[[(trans-4-methylcyclohexyl)carbonyl](1-methyl-4-piperidinyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

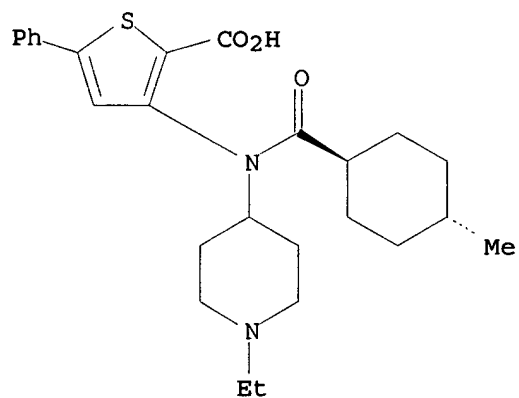


● HCl

RN 712354-12-6 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[(1-ethyl-4-piperidinyl)[(trans-4-methylcyclohexyl)carbonyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)

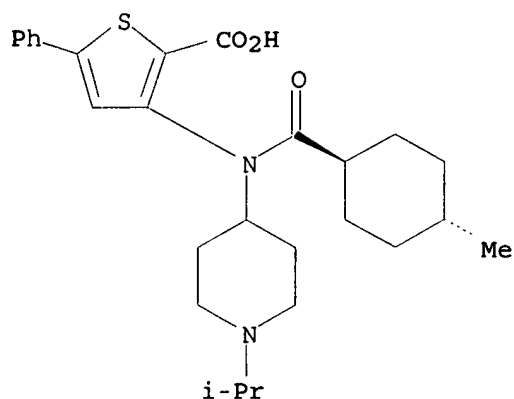
Relative stereochemistry.



RN 712354-13-7 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl][1-(1-methylethyl)-4-piperidinyl]amino]-5-phenyl- (9CI) (CA INDEX NAME)

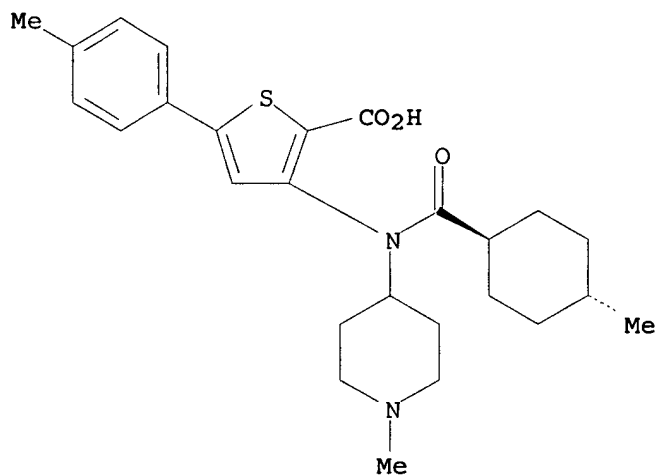
Relative stereochemistry.



RN 712354-32-0 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl](1-methyl-4-piperidinyl)amino]-5-(4-methylphenyl)-, monohydrochloride (9CI)
(CA INDEX NAME)

Relative stereochemistry.

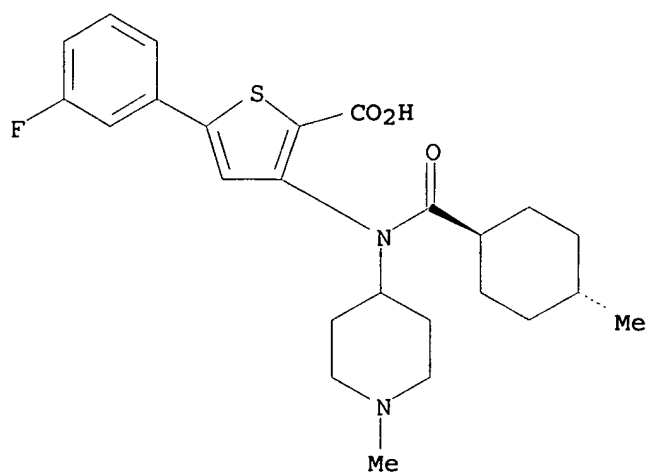


● HCl

RN 712354-34-2 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(3-fluorophenyl)-3-[[[(trans-4-methylcyclohexyl)carbonyl](1-methyl-4-piperidinyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

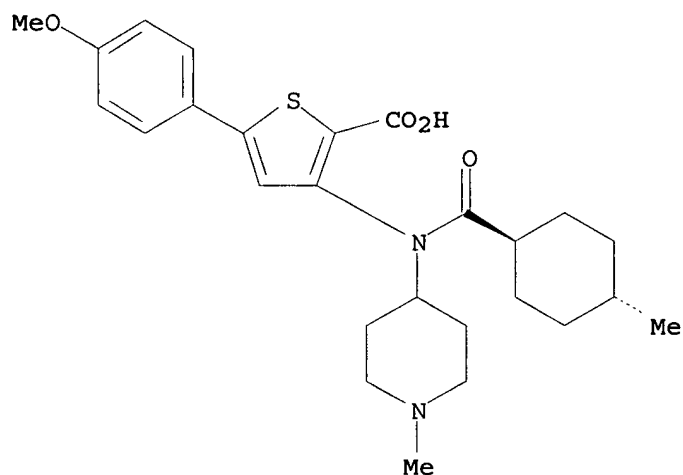


● HCl

RN 712354-35-3 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(4-methoxyphenyl)-3-[[[(trans-4-methylcyclohexyl)carbonyl](1-methyl-4-piperidinyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

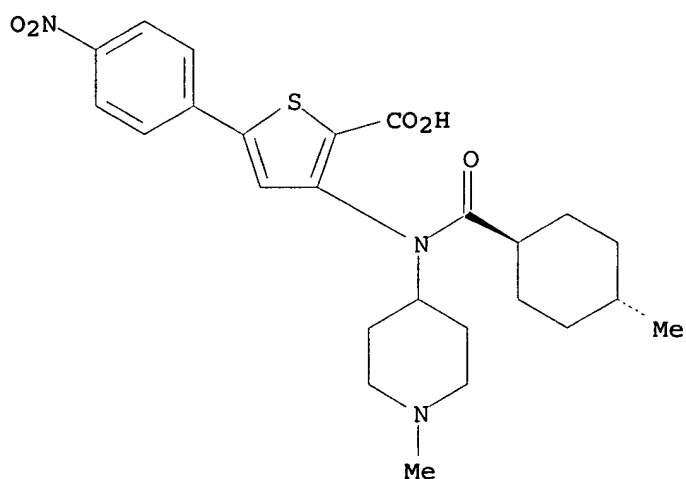


● HCl

RN 712354-36-4 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl](1-methyl-4-piperidinyl)amino]-5-(4-nitrophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

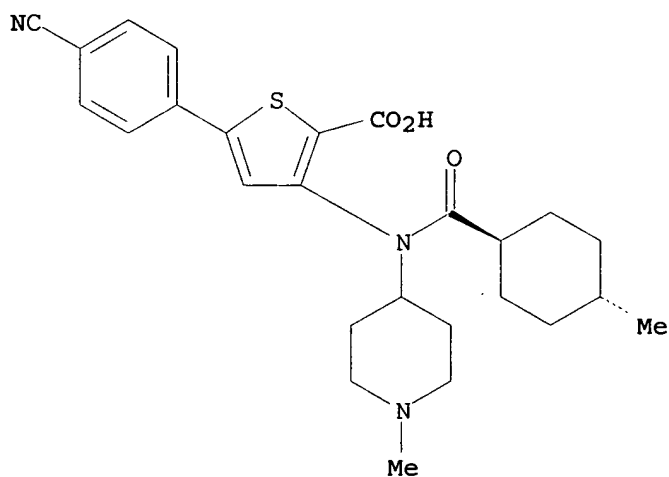


● HCl

RN 712354-37-5 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(4-cyanophenyl)-3-[[trans-4-methylcyclohexyl)carbonyl] (1-methyl-4-piperidinyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

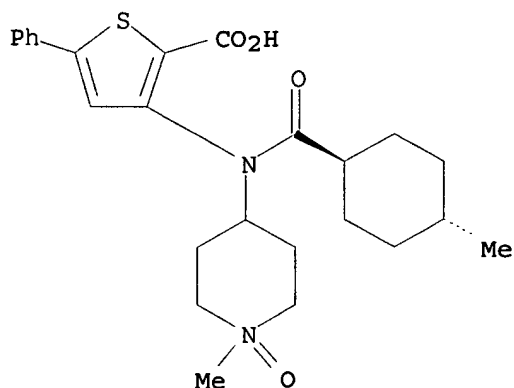


● HCl

RN 713139-41-4 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[trans-4-methylcyclohexyl)carbonyl] (1-methyl-1-oxido-4-piperidinyl)amino]-5-phenyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 712353-30-5P 712353-52-1P 712353-53-2P
 712353-54-3P 712353-55-4P 712353-72-5P
 712353-77-0P 712353-78-1P 712353-83-8P
 713139-29-8P

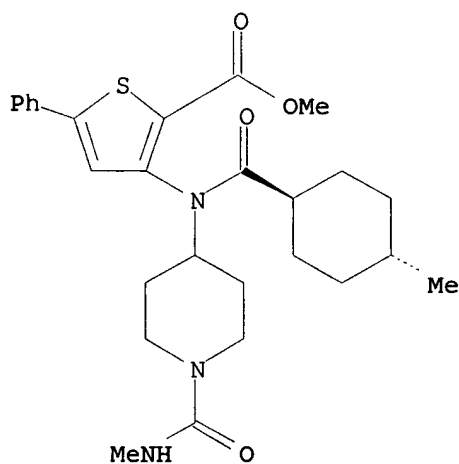
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)

(preparation of thiophenecarboxylates for the treatment or prevention of
 flavivirus infections)

RN 712353-30-5 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[1-[(methoxycarbonyl)-4-(trans-4-methylcyclohexyl)amino]-5-phenyl-3-thienyl]piperidin-4-yl]methanone (9CI) (CA INDEX NAME)

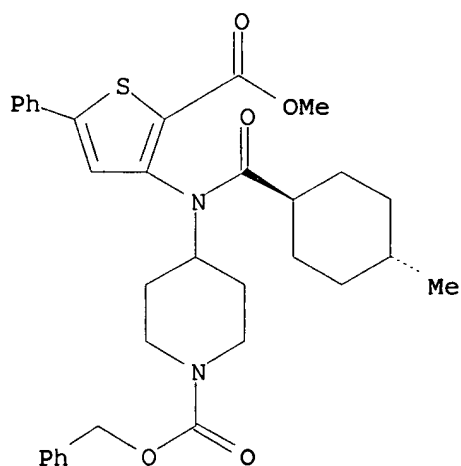
Relative stereochemistry.



RN 712353-52-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[2-(methoxycarbonyl)-5-phenyl-3-thienyl]piperidin-4-yl]methanone (9CI) (CA INDEX NAME)

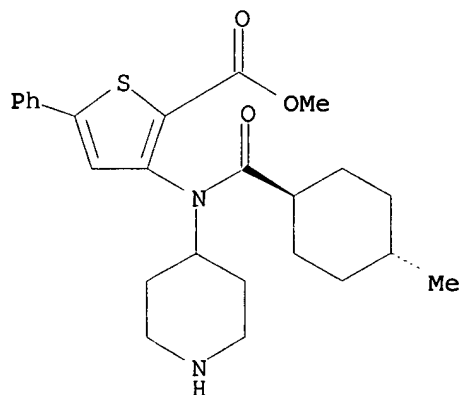
Relative stereochemistry.



RN 712353-53-2 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl]-4-piperidinylamino]-5-phenyl-, methyl ester (9CI) (CA INDEX NAME)

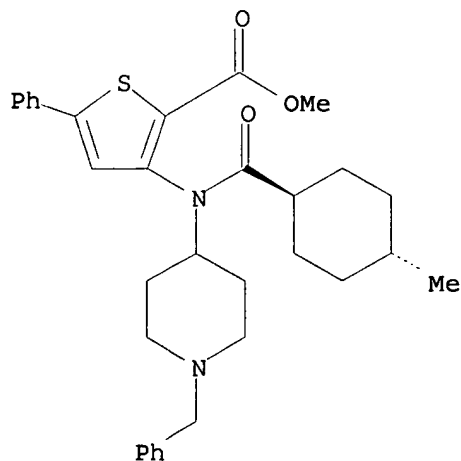
Relative stereochemistry.



RN 712353-54-3 CAPLUS

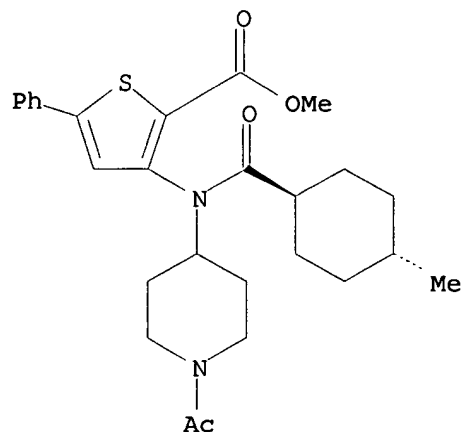
CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl][1-(phenylmethyl)-4-piperidinyl]amino]-5-phenyl-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



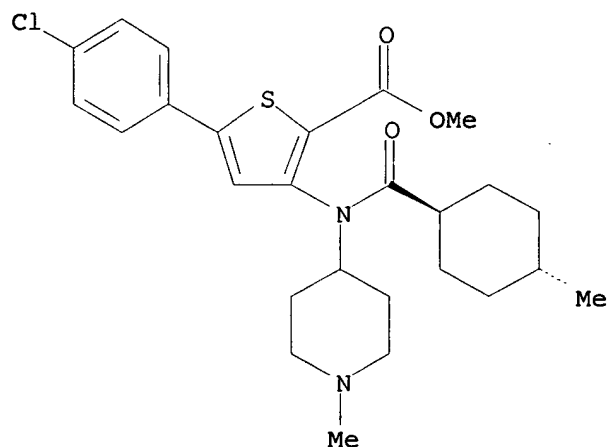
RN 712353-55-4 CAPLUS
 CN 2-Thiophenecarboxylic acid, 3-[(1-acetyl-4-piperidiny)] [(trans-4-methylcyclohexyl)carbonyl]amino]-5-phenyl-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



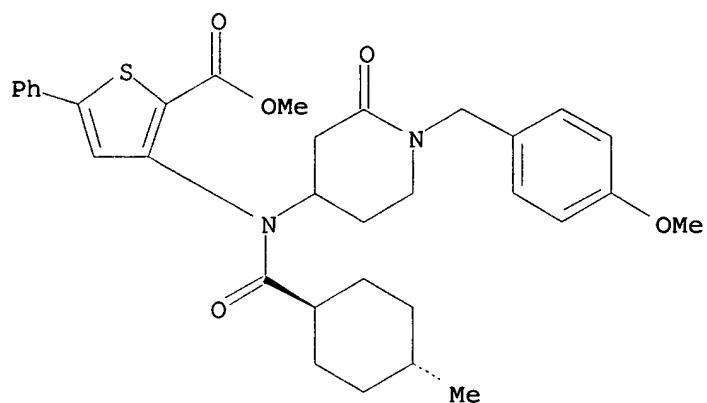
RN 712353-72-5 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-(4-chlorophenyl)-3-[[(trans-4-methylcyclohexyl)carbonyl] (1-methyl-4-piperidiny)] amino]-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 712353-77-0 CAPLUS
 CN 2-Thiophenecarboxylic acid, 3-[[1-[(4-methoxyphenyl)methyl]-2-oxo-4-piperidiny]] [(trans-4-methylcyclohexyl)carbonyl]amino]-5-phenyl-, methyl ester (9CI) (CA INDEX NAME)

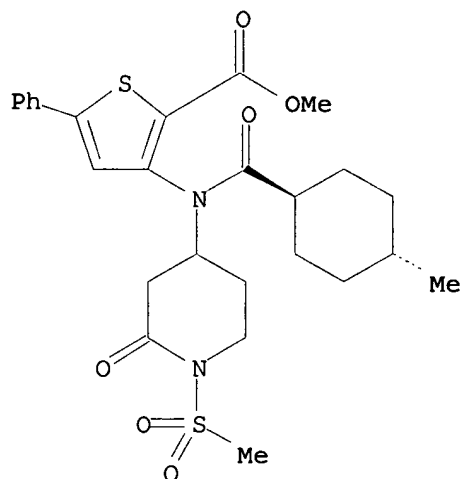
Relative stereochemistry.



RN 712353-78-1 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl][1-(methylsulfonyl)-2-oxo-4-piperidinyl]amino]-5-phenyl-, methyl ester (9CI)
(CA INDEX NAME)

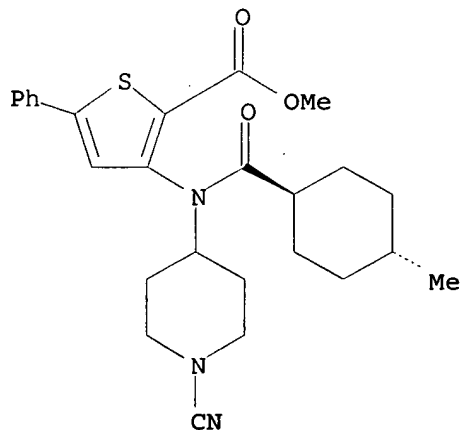
Relative stereochemistry.



RN 712353-83-8 CAPLUS

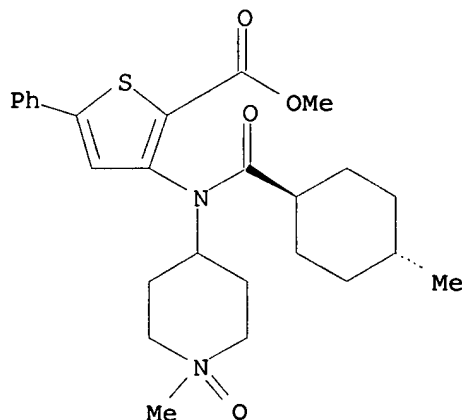
CN 2-Thiophenecarboxylic acid, 3-[(1-cyano-4-piperidinyl)[(trans-4-methylcyclohexyl)carbonyl]amino]-5-phenyl-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 713139-29-8 CAPLUS
 CN 2-Thiophenecarboxylic acid, 3-[[[(trans-4-methylcyclohexyl)carbonyl](1-methyl-1-oxido-4-piperidinyl)amino]-5-phenyl-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2002:964347 CAPLUS
 DN 138:24638
 TI Preparation of thiophenecarboxylic acids and methods for the treatment or prevention of flaviviridae infections such as hepatitis C
 IN Chan, Chun Kong Laval; Bedard, Jean; Das, Sanjoy Kumar; Nguyen Ba, Nghe; Pereira, Oswy Z.; Reddy, Thumkunta Jagadeeswar; Siddiqui, M. Arshad; Wang, Wuyi; Yannopoulos, Constantin
 PA Shire Biochem Inc., Can.
 SO PCT Int. Appl., 314 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002100851	A2	20021219	WO 2002-CA876	20020611
WO 2002100851	A3	20030227		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2450007	AA	20021219	CA 2002-2450007	20020611
EP 1401825	A2	20040331	EP 2002-742563	20020611
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US 2004116509	A1	20040617	US 2002-166031	20020611
US 6881741	B2	20050419		
BR 2002010357	A	20040629	BR 2002-10357	20020611
JP 2005500288	T2	20050106	JP 2003-503618	20020611
CN 1602308	A	20050330	CN 2002-815768	20020611
ZA 2003009590	A	20040512	ZA 2003-9590	20031210
US 2006142347	A1	20060629	US 2005-42442	20050126
PRAI US 2001-296731P	P	20010611		

US 2002-166031 A1 20020611

WO 2002-CA876 W 20020611

OS MARPAT 138:24638

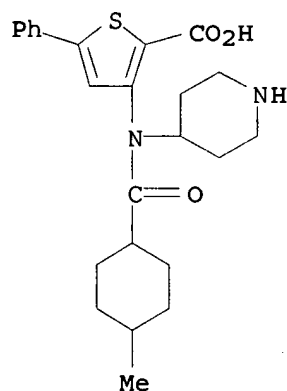
IT 478027-89-3P, 3-[(4-Methylcyclohexylcarbonyl)piperidin-4-ylamino]-5-phenylthiophene-2-carboxylic acid

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of thiophenecarboxylic acids and methods for treatment or prevention of flaviviridae infections such as hepatitis C)

RN 478027-89-3 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[4-methylcyclohexyl)carbonyl]-4-piperidinylamino]-5-phenyl- (9CI) (CA INDEX NAME)



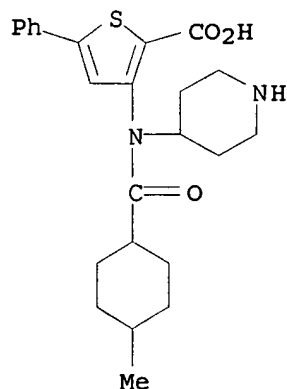
IT 478027-22-4P, 3-[(4-Methylcyclohexylcarbonyl) (piperidin-4-yl)amino]-5-phenylthiophene-2-carboxylic acid lithium salt

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(drug candidate; preparation of thiophenecarboxylic acids and methods for treatment or prevention of flaviviridae infections such as hepatitis C)

RN 478027-22-4 CAPLUS

CN 2-Thiophenecarboxylic acid, 3-[[[4-methylcyclohexyl)carbonyl]-4-piperidinylamino]-5-phenyl-, monolithium salt (9CI) (CA INDEX NAME)



● Li